

TOMAN, M.

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application, Part 3. - Pesticides. H

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 62039.

Author : Robert Nadvornik, Miroslav Toman, Milan Sterba.
Inst : Not given.
Title : Study of Structure and Stabilization of Bordeaux Mixture.

Orig Pub: Polnohospodarstvo, 1957, 4, No 5, 1009 - 1016.

Abstract: The effects of the ratio of $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ to CaO and of stabilizer additions on the sedimentation and alteration of the microscopic structure of precipitates in the Bordeaux Mixture were studied. The presence of film formations in fresh precipitates and of spherocrystals in

Card 1/2

CZECHOSLOVAKIA / Chemical Technology, Chemical Prod- H
ucts and Their Application, Part 3. -
Pesticides.

Abs Jour: Ref Zhur-khimiya, No 18, 1958, 62039.

Abstract: aged precipitates was proved. The importance
of microscopic methods at the study of Bord-
eaux Mixture aging and of the influence of
stabilizers is emphasized.

Card 2/2

66

CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H
Pesticides.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68577.

Author : Stota Z., Toman M.

Inst : Not given.

Title : Toxicity and Fungicidal Activity of the Chlorine
Derivatives of Benzene as a Function of Their
Structure.

Orig Pub: Biologia, 1957, 12, No 9, 583-692.

Abstract: Herbicidal (using rye sprouts) and fungicidal (us-
ing rye treated with *Tilletia foetida* (Wallr) Liro)
activities of the chlorine derivatives of benzene
(C B) were investigated. The most toxic CB are
those having 2 Cl atoms or less and situated next
to each other are 1,2,3-C₆H₃Cl₃ and 1,2,4,5-C₆H₂
Cl₄. Their toxicities border with the herbicidal

Card 1/2

CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H
Pesticides.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68577.

Abstract: activities. The most active derivative with respect to *T. foetida* is C_6Cl_6 . C_6HCl_5 exhibits 10 times less activity. Other CB were found to possess even weaker fungicidal activities than C_6HCl_5 .

Card 2/2

TOMAN, MIROSLAV

CZECHOSLOVAKIA/Plant Diseases - Disease of Cultivated Plants.

0-3

Abs Jour : Ref Zhur - Biol., No 15, 1958, 68517

Author : Toman, Miroslav; Stota, Zdenek

Inst : Bratislav Scientific Research Institute of Agrochemical Technology.

Title : The Effect of Pentachloranisole on *Tilletia foetida* (Wallr.) Liro in Field Experiments.

Orig Pub : Polnohospodarstvo, 1957, 4, No 3, 583-587.

Abstract : Comparative tests on the effect of pentachloranisole, hexachlorbenzene, and pentachloronitrobenzene against *T. foetida* were made in winter wheat. It was found that pentachloranisole has a positive effect, but as far as practical dosages are concerned (200-400 mg. of active substances per kilogram of seed) it proved less effective and cannot be recommended for wide application.

Card 1/2

CZECHOSLOVAKIA/Plant Diseases - Disease of Cultivated Plants.

0-3

Abs Jour : Ref Zhur - Biol., No 15, 1958, 68517

The project was completed in the Bratislava Scientific
Research Institute of Agrochemical Technology. -- N.G.
Dzholova.

Card 2/2

- 6 -

COUNTRY : Czechoslovakia C
 CATEGORY : Plant Diseases. Diseases of Cultivated Plants.
 ABS. JOUR. : REF ZHUR - BIOLOGIYA, NO. 4, 1959, No. 15901
 AUTHOR : Stata, Zdenek; Tonar, Miroslav
 INSE. :
 TITLE : Effect of Some Hexa-Substitutes of Benzene
 Derivatives on *Tilletia foetida*.
 ORIG. PUB. : Biologia, 1958, 13, No.2, 124-128
 ABSTRACT : Of the 11 hexa-substitutes of benzene deriv-
 atives tested the most effective caustic
 agents of grains seeds against *Tilletia*
foetida appeared to be hexachloro benzene and
 pentachloronitrobenzene. It was established
 that by changing the hexachlorobenzene mole-
 cule by means of an exchange of Cl atoms by
 some other substitutes of the first series
 or by replacing 2 Cl atoms with a nitro
 group the effectiveness of their action was
 CARD: 1/2

COUNTRY
CATEGORY

ABST. JOUR. : REF ZHUR - BIOLOGIYA, NO. 4, 1953;

AUTHOR :
INST. :
TITLE :

Ref. 15901

ORIG. PUB. :

ABSTRACT : reduced. Parachloronitrobenzene and trichloro-
m-dinitrobenzene proved effectual when these
substances were applied as soil fungicides
against Rhizoctonia solani.

-- N.G. Dzholova

CARD: 2/2

TOMAN, Miroslav

Formation and significance of pot-like particles in spray drying. Koll.
zhur. 25 no.6:710-715 N-D '63. (MIRA 17:1)

1. Institut agrokhimicheskoy tekhnologii, Bratislava, Chekhoslovakiya.

CZECHOSLOVAKIA

TOMAN, Miroslav, Engr, Research Institute for Agrochemical Technology (Vyskumny ustav agrochemickej technologic), Bratislava-Predmostie.

"An Attempt for a New Interpretation of the Dosage-Efficiency Curves and the So-Called Stimulation"

Bratislava, Biologia, Vol XVIII, No 4, 63, pp 290-294.

Abstract [Author's German article, Slovak summary, modified]: An equation was derived, corresponding to the Gauss integral, which can be used for the study of the effect of nutrients on the growth speed in plants. In contrast to the Gauss integral the equation (containing two independent variables, the nutrient saturation level and the disturbance factor) can express curves of efficiency exceeding 100% of the control value. Emphasized is the significance of the nutrition of the experimntal plant for the interpretation of results, particularly the so-called stimulation phenomenon.

111

TOMAN, M.; SHISL', O.

Rhythmical precipitation of isomeric phenols. Koll. zhur. 27
no.6:888-890 N-D '65. (MIRA 18:12)

1. Institut agrokhimicheskoy tekhnologii, Bratislava, Chekho-
slovakiya. Submitted Feb. 21, 1965.

Toman, M.

TEYSCHL, O.; TOMAN, M.

Project for pediatric health centers in new socialistic centers
in Ostrava. Pediat. listy, Praha 7 no. 3:131-133 May-June 1952.
(CJML 22:4)

TOMAN, Miroslav

/ Influence of various types of baby foods on the serum protein level of prematures. Miroslav Toman and Drahomíra Kazdová. *Lékařské Listy* 9, No. 2, 42-4 (1954).—Prematurely born infants (164) were examd. The blood was analyzed immediately after birth. The results show that the compn. of the food does not affect the blood serum protein level, even when protein-rich diets are given for a long time.
O. B. Lobatkin

EXCERPTA MEDICA Sec.10 Vol.8/9 Obstetrics Sept 55

1651. TOMAN M. Děts. Klin. Masarykova Univ., Brno. *Krmení nedonošenců
trvale zavedenou sondou. The feeding of premature infants by
an indwelling gastric tube PEDIAT. LISTY 1954, 9/3 (172-173) Illus. 2
Report on one year's experience with this kind of feeding and on its advantages.
Nélaton's tube nr. 8 was inserted through the mouth into the lower part of the oeso-
phagus. This technique is recommended in all prematures who have no swallow
reflex, who vomit vehemently or who become cyanotic whenever other ways of
feeding are used. It is suitable for children with anatomical abnormalities, for
babies tolerating only small quantities of food and for children after operation.

Zeman - Krnov (VII, 10)

TOMAN, Miroslav, MUDr.

The importance of vitamin K for prevention of intracranial hemorrhage in premature infants. Cesk. pediat. 10 no.8: 593-596 Oct 55.

1. Z detske kliniky MU v Brne (prednosta akademik Otakar Teyschl).
(INFANT, PREMATURE, diseases
cerebral hemorrh., prev., eff. of vitamin K)
(CEREBRAL HEMORRHAGE, in infant and child
in premature inf., eff. of vitamin K on prev.)
(VITAMIN K, therapeutic use
cerebral hemorrh., prev.)

TOMAN, Miroslav

Values of blood sugar in premature infants and newborns in the first days of life. Cesk. pediat. 11 no.10:760-766 Oct 56.

1. Z II. detske kliniky MU v Brne, predn. akad. Otakar Teyschl.
(INFANT, NEWBORN, blood in
blood sugar, changing levels in first weeks of life (Cs))
(INFANT, PREMATURE, blood in
(same))

7-10-11-11
TOMAN, Miroslav, MUDr.; FINTAJSLOVA, Olga, MUDr.

Results of the care of premature infants in the Childrens' Department at Masaryk University in Brno from 1949 to 1955. Cesk. pediat. 12 no.11: 973-979 5 Nov 57.

I. I. a II. detska klinika MU v Brne, prednostove akademik Otakar Teyshl a doc. Zdenek Brunecky. M.T., Brno 14, Bendlova 2.

(INFANT, PREMATURE

care in Czech., statist. (Cz))

Toman, Miroslav
TOMAN, Miroslav; BECHINIE, Emanuel

Adrenogenital syndrome in newborn infant. Cesk. pediat 13 no.1:
20-26 5 Jan 58.

1. II. detska klinika MU v Brne, prednosta akademik Otakar Teychl
Pathologickoanatomicky ustav v Brne, prednosta prof. Dr. Jaroslav
Svejda. M. V., Brno, Cerna Pole.
(ADRENOGENITAL SYNDROME, in inf. & child
newborn (Cz))
(INFANT, NEWBORN, dis.
adrenogenital synd. (Cz))

TOMAN, M.; TRETINOVA, Z.

The effect of extrauterine maturation on child development. Cesk.
pediat. 15 no.3:255-257 Mr '60.

1. II. detska klinika v Brne, prednosta akad. Otakar Teyachl --
Ortoped. odd. Krajske detske nemocnice v Brne, prednosta dr.
Jaromir Janek.

(PREGNANCY, ECTOPIC compl.)
(ABNORMALITIES etiol.)

TOMAN, Miroslav; ROVENSKY, Jiri

A new water sweat test and possibilities for its use in children.
(Clinical part). Cesk. dermat. 36 no.4:221-224 Je '61.

1. II detska klinika University J. Ev. Purkyne, Brno, prednosta akademik Otakar Teysohl Kozni odd. Krajske detske nemocnice Brno-Cerna Pole, predn. prim. dr. Jiri Rovensky.

(SWEATING)

ROVENSKY, Jiri; TOMAN, Miroslav

A new water sweat test and possibilities for its use in children.
(Methodological part). Cesk. dermat. 36 no.4:215-220 Je '61.

1. Kozni oddeleni Krajske detske nemocnice, Brno-Cerna Pole, predn.
prim. dr. J. Rovensky II detska klinika University J. Ev. Purkyne,
Brno, predn. akademik Otakar Teychl.

(SWEATING)

FINTAJSLOVA, O.; CHYTLOVA, M.; TOMAN, M.

Contribution to the differential diagnosis of hydrocephalus in infants.
Cesk. pediat. 16 no.5:396-397 My '61.

1. II detska klinika UJEP v Brne, prednosta akademik Otakar Teyschi
Chirurgicke oddeleni Krajske detske nemocnice v Brne, prednosta dr.
Vladimir Mazal.

(HYDROCEPHALUS diag)

TOMAN, M.; FINTAJSLOVA, O.

Role of maternal milk in feeding premature infants. Cesk. pediat. 16
no.5:392-395 My '61.

1. II detska klinika lekarske fakulty UJEP v Brne, prednosta akademik
Otakar Teyschl.

(BREAST FEEDING) (INFANT PREMATURE)

ROVENSKY, J.; TOMAN, M.

A semi-quantitative method for the determination of chlorides in sweat:
Cesk. pediat. 16 no.4:331-335 Ap '61.

1. Kozni oddeleni KDN-Brno, prednosta dr. Jiri Rovensky II detska
klinika lek. fakulty-Brno, prednosta akademik Otakar Teyschl.

(CHLORIDES chem) (SWEAT chem)

TOMAN, M.; ROVINSKY, J.; FINTAJŠLOVA, O.; PROCHÁZKOVÁ, J.; SKURSKÁ, J.

Insensible perspiration in newborn infants. Cesk. dermat. 37 no.4:
272-275 Ag '62.

1. Kozní oddelení Detské fakultní nemocnice v Brně, přednosta dr.
J. Rovinsky II. detská klinika University J. Ev. Purkyně v Brně,
přednosta akademik O. Teysch.
(INFANT NEWBORN physiol) (SWEATING in inf & child)

ROVENSKY, J.; TOMAN, M.

Dynamics of sweating of ischemic extremities. Cesk. dermat. 37 no.4:
265-271 Ag '62.

1. Kozni oddeleni Detske fakultni nemocnice v Brne, prednosta dr.
J. Rovensky II. detska klinika lek. fak. University J. Ev. Purkyne
v Brne, prednosta akademik O. Teyschl.
(ISCHEMIA exper) (SWEATING physiol)

ROVENSKY, J.; TOMAN, M.

An attempt to recording sudomotor activity in small children.
Cesk. pediat. 19 no.4:357-364 Ap'64

1. Kozni oddeleni fakultni detske nemocnice v Brne (vedouci:
MUDr. J.Rovensky) a II. detska klinika lekarske fakulty UJEP
v Brne (prednosta: prof. dr. M.Toman).

*

FINTAJSLOVA, O.; KALAB, Z.; TOMAN, M.

Congenital brain malformations accompanied by so-called hydrocephalus. Cesk. ped. 20 no.12:1062-1065 D '65.

1. II. detska klinika lekarske fakulty University J.Ev. Purkyne v Brne (prednosta - prof. dr. M. Toman) a Vyzkumny ustav pediatricky v Brne (reditel - prof. dr. Z. Brunecky).

1 2902-42

ACC NR: AP6020006

SOURCE CODE: CZ/0079/65/007/003/0292/0292

AUTHOR: Toman, M. (Horni Berkovice); Ledererova, E.

21
B

ORG: Psychiatric Hospital, Horni Berkovice (Psychiatricka lecebna)

TITLE: Contribution to a retrospective assessment of treatment in endogenous depressions /This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesonik, 20-23 January 1965./

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 292

TOPIC TAGS: drug treatment, psychoneurotic disorder

ABSTRACT: During a 5 year period, patients with endogenous depressions represented 6.52% of the total admissions to authors' hospital. The ratio of male to female patients was 1:3.7. The largest number of patients were in the 50-60 year group. The average length of hospitalization was 41.2 days; use of imipramine reduced this to 36.1 days; use of convulsions required 46.0 days. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUM DATE: none

Card 1/1 LS

CZECHOSLOVAKIA

LEDEREROVA, E.; TOMAN, M.; GROF, P.; Psychiatric Hospital (Psychiatricka Lecebna), Horni Berkovice; Psychiatric Research Institute (Vyzkumny Ustav Psychiatricky), Prague.

"Experience with Fluphenazine in the Treatment of Anxiety in Endogenous Depressions (Orientative Comparison with Chlorpromazine by Means of an Intensive Double-Blind Project.)."

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 4, Aug 66, pp. 254 - 257

Abstract [Authors' English summary modified]: 8 women were treated for endogenous type depressions by standard doses of imipramine, and the therapeutic effect of fluphenazine and chlorpromazine on the anxiety aspect and on the overall clinical condition of the patients was studied. Comparison of the two drugs was made on the basis of the Chassan double-blind test. No significant differences between the effect of the two drugs were found. Economical advantages of the method are discussed. 1 Table, 14 Western, 1 Czech reference. (Manuscript received 24 Apr 65).

1/1

TOMAN, NIKOLAY

On--Volzhskaya Meteorologicheskaya Stantsiya

SOVIET SOURCE: P: VOKROG SVETA No. 1, MOSCOW JAN. 1950.

Abstracted in USAF "Treasure Island", on file in LIBRARY OF CONGRESS, AIR INFORMATION DIVISION, REPORT No. 30826. UNCLASSIFIED.

TOMAN, O.S., inzh.

~~Yard for making reinforced concrete poles and supports. Mekh. sel'.~~
hosp. 9 no.9:27 S '58. (MIRA 11:10)
(Electric lines--Poles) (Precast concrete)

TOMAN, S.

Factory laboratories and their work.

P. 245, (Sklar A Keramik) Vol. 7, no. 8, Sept. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

Toman, Stanislav

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their
Application. Ceramics. Glass. Binders. Concrete.

H-13

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15289.

Author : Toman Stanislav

Inst :

Title : Remarks Concerning the Work of Plant Laboratories.

Orig Pub: Sklar a keramik, 1957, 7, No 8, 245.

Abstract: At some laboratories of Czechoslovak glass manufacturing plants there is a shortage of trained chemists familiar with the raw materials and capable of evaluating them. In order to facilitate the work of plant laboratories of the glass industry all the raw materials utilized in glass manufacture (soda, sulfate, salpeter, CaF_2 , BaNO_3 , NaCl , B_2O_3 , limestone, dolomite, BaCO_3 , sand, feldspar, kaolin, arsenic) are divided in 3 groups: soluble in water, soluble

Card : 1/2

TOMAN, S.

TOMAN, S. - A new regulation of wages in the field of construction.
p. 501, Vol. 4, no. 11, Nov. 1956
INZENYRSKE STAVBY. (Ministerstvo stavebnictvi) Praha.

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

TOMAN, TOMANOVA

CZECHOSLOVAKIA/Microbiology - Medical and Veterinary
Microbiology

F-4

Abs Jour : Referat Zhurn - Biol., No 16, 25 Aug 1957, 68639

Author : Toman, Tomanova

Title : The Growth of Mycobacteria of Tuberculosis from Mucus
of Tonsils and Pharynx.

Orig Pub : Rozhl. tuberk. a nemocech plicnich, 1956, 16, No 4,
169-177

Abstract : 714 patients were investigated with slight lung disease
without collapse, in which on numerous bacterioscopic
analysis of mucus no tubercular bacilli (TB) were found.
Altogether 1281 tests were conducted and 22,400 transplan-
tations on Petraniani and Schul media were made. TB was
isolated in 199 patients (27.9%). The mucus from tonsils
and pharynx was taken on cotton tampons from pharyngeal
sounds. The authors believe that TB fall on the tonsils
with particles of mucus; therefore the positive results

Card 1/2

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CZECHOSLOVAKIA/Microbiology - Medical and Veterinary
Microbiology

F-4

Abs Jour : Referat Zhurn - Biol., No 16, 25 Aug 1957, 68639

of the investigation does not permit a diagnosis of tuberculosis of the tonsils. The transplantation of mucus from tonsils increased the positive results by 4%. It is desirable to transplant simultaneously mucus from tonsils and pharynx.

Card 2/2

- 73 -

TOMAN, Václav

Catalogs of standards for investment constructions. Inz stavby 9 no.11:
432 N '61.

1, Ministerstvo vystavby.

TIETZ, Narcis, inz.; TOMAN, Vaclav, inz.; TUMA, Hamus, inz.

The importance and effect of electrolytes in isolating
carbides from steel. Hut listy 12 no.6:517-521 Je '57.

1. Vyzkumny ustav materialu a technologie, Praha.

10 MIN, 14.000
CZECHOSLOVAKIA/Optics - Methods of Analysis

K-8

Abs Jour : Ref Zhur - Fizika, No 5, 1958, No 12019

Author : Toman Vaclav, Tuma Hanus

Inst : Not Given

Title : Methods of Processing Spectral Photometric Measurements in
Simultaneous Determination of Two or Several Components of
One Solution

Orig Pub : Hutnicke listy, 1957, 12, No 7, 621-622

Abstract : The author indicates the advantages of simultaneous determination of two or several components (v, Ti, Mo, etc.) in a solution, compared with their separate determination. The method gives economy in chemicals and working time.

Card : 1/1

Toman, Vit

CZECH

11838* Corner Connection of Core Box: Rohové spojení
jederníkových skříní. (Czech.) Vit Toman and Josef Crgulč.
Strojnictví, v. 3, no. 5, May 1955, p. 141-142.
To reduce wood consumption, Czechoslovakian foundries use
two ways of corner connections; hinge connections, with screw
drawing, and eccentric locking. Diagrams, photographs. 4 ref.

TOMAN, Vlastislav (Praga)

Machines learn how to read. IUn.tekh. 7 no.12:16-20 D '62. (MIRA 16:4)

1. Glavnyy redaktor zhurnala "ABTS".
(Perceptrons)

TOMAN, V.

The importance and effect of electrolytes during the isolation of carbides from steels. p.517.
(Hutnicke Listy, Vol. 12, No. 6, June 1957, Brno, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

TOMAN, V.; TUMA, H.

Methods of evaluating spectro-photometric measurements in a simultaneous determination of two or more components of a solution. p. 621. (HUTNICKÉ LISTY, Vol. 12, No. 7, July 1957, Brno, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

TOMAN, V.; TUMA, H.; TIETZ, N.

TOMAN, V.; TUMA, H.; TIETZ, N. Isolation of carbides from steels. p. 738.
Continuous steel casting; a five-language dictionary. p. 741.

Vol. 11, no. 12, Dec. 1956
HUTNICKE LISTY
TECHNOLOGY
Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001756130006-2

SECRET AND UNCLASSIFIED

SECRET AND UNCLASSIFIED

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001756130006-2"

TOMAN, Vladislav (Praga)

Visiting with young technicians of Czechoslovakia. IUn.tekh. 5
no.4:49-53 Ap '61. (MIRA 14:3)

1. Red.zhurnala "ABTs mladyykh tekhniku a przhirodovedtsu."
(Czechoslovakia--Relations(General) with Russia)
(Russia--Relations(General) with Czechoslovakia)

KAROVA, Eva; TOMAN, Vlastislav

Girls' clubs. IUn. tekhn. 7 no.10:39-40 0 '62. (MIRA 15:10)

1. Iz redaktsii "ABTs", Praga.

(Czechoslovakia—Girls—Societies and clubs)

24686
Z/005/60/000/004/002/016
A121/A126

9,1300

AUTHORS: Marek, Herbert, Engineer, and Toman, Zdeněk (Pardubice)

TITLE: None given

PERIODICAL: Vynálezy, no. 4, 1960, 6

TEXT: (21a⁴, 77; Registered June 25, 1959; Patent Application 3763-59).
Wave-guiding terminal resistance, mainly for high outputs in the microwave band,
with a progressively widening layer of the resistance mass, characterized as
follows: The resistance has the shape of a vertical truncated pyramid or of a
truncated cone made of the resistance mass, showing a recess along the height,
which is connected to the equal profile of the wave guide in such a way that the
wave-guiding tube with inner rectangular profile is connected to the equally
rectangular profile of the recess passing the height of the pyramid. This cone
or this pyramid is embedded in a case, the thickness or wall shape of which broad-
ens to form a pyramidal or conical sleeve, the surface of which is equipped with
cooling fins. Follow 4 points of patent definition.

Card 1/1

TOMANA, Jiri

Importance of material incentives in food industries. Prace
mzda 10 no.9:408-413 S '62.

1. Slovacke lihovary a konzervarny, Uherske Hradiste.

CZECHOSLOVAKIA

TOMANA, M

Chemical Institute, Karlova University, Hradec Kralove

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 12, December 1966, pp 4728-4734

"Contribution to the problem of polarographic determina-
tion of ascorbic acid in animal tissues."

TOMANA, Milan; STRANSKY, Zdenek

Adjusting spectrophotometer SF 4 for sensitive fluorescence measurements. Chem listy 58 no.8:978-981 Ag '64.

1. Chair of Medical Chemistry, Faculty of Medicine, Charles University, Hradec Kralove.

CZECHOSLOVAKIA

SIMEK, J., MELKA, J., TOMANA, M. Chair of Physiology and Chair of Medical Chemistry, Medical Faculty, Charles University (Katedra Fysiologie a Katedra Lekarske Chemie Lek. Fak. KU) Hradec Kralove.

"Glycemia, Weight Changes of the Hypophysis, Adrenal Glands, and Content of Ascorbic Acid in Adrenal Glands After Administration of Insulin to Rats that Underwent a Partial Hepatectomy."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 135

Abstract: Experiments were conducted on male rats after 65-70% of their liver was removed. Insulin was injected immediately after the operation. It caused a deeper hypoglycemia in the first 6 hours after operation, a higher increase of the weight of the hypophysis and adrenal glands, and a greater decrease in ascorbic acid content in the adrenal glands than was found in animals that underwent hepatotectomy but were not given insulin. 2 Western, 2 Czech references. Submitted at the full Meeting of the Physiological Section of the Czechoslovak Medical Society of J.E.Purkyne at Hradec Kralove, 1 Dec 65.

1/1

CZECHOSLOVAKIA UDC 612.014.481.1:612.82.015.2(547.954.1:547.475.2)
-028:612.132)-054

TOMANA, M.; HAIŠ, I.M.; SIMEK, J.; Institute of Chemistry and Biochemistry, Medical Faculty, Charles University (Ustav Chemie a Biochemie Lek. Fak. KU), Hradec Kralove, Head (Prednosta) Dr I.M. H HAIŠ; Physiological Institute, Medical Faculty, Charles University (Fyziologický Ustav Lek. Fak. KU), Hradec Kralove, Head (Prednosta) Prof Dr J. MELKA.

"The Role of the Pituitary in Changes of the Ascorbic Acid and Glutathione Level in the Brain of Rats During the First 24 Hours After X-Ray Irradiation."

Prague, Casopis Lekarů Ceských, Vol 105, No 30, 15 Jul 66, pp 812 - 815

Abstract [Authors' English summary modified]: After whole-body irradiation with a dose of 600 r no changes were observed in intact rats; the brain of adult and 6 day old rats who underwent hypophysectomy showed a decreased content of ascorbic acid and of glutathione. No changes were observed when ACTH was injected intraperitoneally in non-irradiated rats. It seems that other factors, apart from the simple change in the amount of the circulating ACTH influence the contents of ascorbic acid and glutathione in the brain. 4 Tables, 5 Western, 4 Czech references.
1/1 (Ms. rec. Mar 66).

TOMANA, Milan, inz.; SVABENSKY, Oldrich, RNDr., C.Sc.

Effect of gamma radiation on grapes and strawberries. *Prum potravin*
14 no.1:43-45 Ja '63.

1. Ustredni vyzkumny ustav potravinarskeho prumyslu, Praha.

TOMANEC, Ladislav

New elements in the measuring technique. Vestnik CSAV 73
no.2:278-279 '64.

TOMANEC, Ladislav, inz., C.Sc.

Design of tensometric pressure gauges. Jemna mech opt 6 no.12:
370-375 D '61.

1. Ustav pro vyzkum stroju, Ceskoslovenska akademie ved, Praha.

TOMANEC, Ladislav, inz.; CHYLIK, Miloslav, inz.

Electrooptical manometer. Stroj cas 14 no.1:59-83 '63.

1. Ustav pro vyskum stroju, Ceskoslovenska akademie ved,
Praha.

TOMANEK, LADISLAV

10(0); 26(1)

PLATE 1 BOOK REPRODUCTION

CZECH/2369

Československá Akademie Věd, Sborník technické literatury
Přehled výzkumných strojů (Přehled výzkumných strojů) Praha, Malá-
škovice, Československá Akademie Věd, 1958. 413 p. (Series: I: Sborník
literatury pro výzkumné stroje) Křivá also inserted. 1,500 copies printed.
Scientific Ed.: Jan Jirá, Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences; Eng. Ed.: Ladislav Němec, Tech. Ed.: František Konečný.

PURPOSE: This collection of papers is intended for engineers and scientific workers in the field of turbomachinery.

CONTENTS: The collection covers turbomachinery theory, investigations of the flow of working substance in basic elements of turbomachines, phenomena accompanying flow and variable with time, and investigations of various problems on experimental machines and models. A Russian and an English summary follows each paper. No personalities are mentioned. There are 189 references; 75 Czech, 51 English, 30 German, 20 Russian, and 1 Dutch.

IV. RESEARCH WITH MODEL MACHINES

10. Muzumdar, Zdeněk, Engineer, VÚM. An Approximate Method of Flow Analysis in Air Turbomachine Elements With An Example Applied to Axial Flow Compressors 277
11. Václav, Miroslav, Engineer, and Polta, Václav, Engineer, VÚM. Experimental Four-Stage Axial Compressor for High Circumference Speeds 289
12. Kříž, Karel, Josef, Engineer, and Procházka, Václav, Engineer, VÚM. Systematic Investigation of Blade Efficiency in Axial Turbines 305
13. Kříž, Karel, Engineer, VÚM. Supplements to the Preceding Article 310
14. Kříž, Karel, Engineer, VÚM. Design of the Last Stage (Blading) of Condensing Steam Turbines 310
15. Polta, Václav, Engineer, Doctor, and Procházka, Václav, Engineer, VÚM. Dynamic Tests of Steam Turbine Blade Profiles 311
16. Kříž, Karel, Engineer, VÚM. New Testing Room for Steam Turbines at VÚM, Pilsen 316
17. Vít, Václav, Engineer, ČKD Masatel. Investigation of the Two-Blade Kaplan (Propeller) Turbine 344
18. Seifert, Bohumil, Engineer, ČKD Masatel. Measurement of the Effect of Basic Aerodynamic Engineering Parameters of Hydraulic Machines on Performance Characteristics 350

V. MEASURING INSTRUMENTS

15. Petr, Zdeněk, Engineer, ÚVŠ ČSAV. Directional Probes for Three-Dimensional Investigation of Flow 405
16. Tomek, Ladislav, Engineer, ÚVŠ ČSAV. Electric Measurement of Pressure 422
17. Šlapáček, P., Engineer, ÚVŠ ČSAV. Torsional Dynamometer 443

AVAILABLE: Library of Congress

Card 7/7

90/rel
11-59-59

Z/056/62/019/011/002/002
E073/E435

AUTHOR: Tomanec, L.

TITLE: Foil resistance strain gauges

PERIODICAL: Hutnictví a strojírenství. Přehled technické a
hospodářské literatury, v.19, no.11, 1962, 679,
Abstract no. HS 62-8592. (Automatizace, v.5, no.8,
1962, 216-218)

TEXT: Brief description of a new type of resistance strain
gauge intended not only for measuring strain in experimental
elasticity (sic) but also for measuring and controlling other
physical quantities. 7 figures, 2 references.

[Abstractor's note: Complete translation.]

Card 1/1

TOMANEK, Ladislav, inz. CSc.

Measurement methods. Stroj cas 16 no.2:239-240 '65.

TOMANEK, Ladislav, inz., C.Sc.

Foil resistance tensometers. Automatizace 12 no.5:216-218
8 Ag '62.

1. Ustav pro vyzkum stroju, Ceskoslovenska akademie ved.

TOMANEK, E., inž., kandidát technických ved

Foil resistance strain gauges. Jemna mech opt 5 no.4:112-115 Ap '60.

1. Československá akademie věd, Praha.

STYBLO, K.; TOMANEK, A.; VECKO, J.

Our experiences with bronchoscopy under anesthesia in children.
Cesk.pediat. 15 no.1:40-45 Ja '60.

1. Vyzkumny ustav tuberkulozy v Praze, red.doc.dr. R. Krivinka.
(BRONCHOSCOPY in inf.& child.)

CZECHOSLOVAKIA / Human and Animal Morphology (Normal and
Pathological). Respiratory System.

S

Abs Jour : Ref Zhur = Biologiya, No 9, 1953, No. 40743

Author : Stiblo, K.; Tomanek, A.

Inst : Not given

Title : Bronchial Changes in Various Forms of Pulmonary
Tuberculosis

Orig Pub : Chekhosl. med. obzor., 1956, 2, No 2, 116-126

Abstract : The following was established in investigations of
patients with pulmonary tuberculosis:

Card 1/2

CZECHOSLOVAKIA / Human and Animal Morphology (Normal and Pathological). Respiratory System.

8

Abs Jour : Ref Zhur - Biologiya, No 9, 1958, No. 40743

Forms of Tuberculosis	Patients Investigated	Specific bronchial changes	Broncho-glandular fistula	Non-specific bronchial changes
1) Focal	98	34	22	9
2) Disseminated	50	19	15	10
3) Infiltrative	172	47	12	31
4) Chronic, fibrocavernous	149	59	17	22
5) Tuberculous pneumonia	13	9	2	1
6) Following active intervention	31	19	2	6

-- I. B. Barabash

Card 2/2

17

FISHER, F.; KRAKORA, P.; SHNAYDR, V.; TOMANEK, A.

Significance of preoperative determination of the topography of subsegmental bifurcation of the bronchi for treating resections in pulmonary tuberculosis. Grud. khir. 4 no.1:64-67 Ja-F '62.
(MIRA 15:2)

1. Iz Nauchno-issledovatel'skogo instituta tuberkuleza i kafedry tuberkuleza (zav. - dotsent d-r R. Krzhivinka [R. Krivnik]) Instituta usovershenstvovaniya vrachey (Praga, Chekhoslovatskaya Sotsialisticheskaya Respublika) Adres avtorov: Praga, ul. Budinova, d. 67. Nauchno-issledovatel'skiy institut tuberkuleza.

(BRONCHI—EXPLORATION) (TUBERCULOSIS)
(LUNGS—SURGERY)

EXCERPTA MEDICA Sec.11 Vol.10/6 Oto-Rhino-Laryng.
TOMÁNEK A.
1166. TOMÁNEK A. and HYKEŠ M. Tuberk. -Forschungsinst., Prag; Tuberk. -
Sanat., Martinovo Údolí, Prag. * Positiver Tuberkelbazillennachweis bei
negativem Lungenbefund. Positive demonstration of tubercle

STYBLO, K.; TOMANEK, A.

A comparison of bronchoscopic, roentgen and surgical findings with histological examination of amputated bronchi in 100 patients treated by pulmonary resection in tuberculosis. Cas.lek.cesk 100 no.14: 430-438 7 Ap '61.

1. Vyzkumny ustav tuberkulozy v Praze 8, reditel doc. dr. R. Krivinka.

(TUBERCULOSIS PULMONARY diag)

TOMANEK, Ant.; ROKOS, J.

Bronchial lipoma. Cas. lek. cesk. 98 no.4:115-120 23 Jan 59.

1. Vyzkumny ustav tuberkulosity, reditel doc. dr. R. Krivinka, Praha 8 -
Bulovka. Patologickoanatomicke oddeleni SOLOU, ved. lekar doc. dr. D.
Benesova Krc. A. T., Praha 7, Dukelskych hrdinu 12.

(BRONCHI, neoplasma
lipoma (Cz))

(LIPOMA
bronchi (Cz))

TOMANEK, A.; STYBLO, K.; PATTOVA, M.

Bronchoscopy and anesthesia in tetanus patients treated by curariform drugs with the use of Engstrom's respirator. Cesk.otolar.
8 no.5:261-263 0 '59.

1. Vyzkumny ustav tuberkulozy v Praze, red.doc.dr. R. Krivinka --
Klinika infekcni hyg.fakulty, predn.doc.dr. V. Kredba.

(TETANUS ther.)
(MUSCLE RELAXANTS ther.)
(RESPIRATORS)
(BRONCHOSCOPY)

TOMANEK, A.; PULPYTEL, J.; GALLAS, J.

A new method of measurement of respiratory movements of the bronchi.
Cesk.otolar.9 no.5:271-273 0'60.

1. Vyzkumny ustav tuberkulozy v Praze 8, reditel doc.dr. R.Krivinka.
(BRONCHI physiol)
(RESPIRATION)

EXCERPTA MEDICA Sec.11 Vol.10/5 Oto-Rhino-Laryngo May57
TOMÁNEK A.

933. TOMÁNEK A. and KŘUML J. Výzkumný Ústav Tbc, Praha. *Broncho-
skopická diferenciální diagnostika bronchoglandulárních perforací.

933

Bronchoscopic differential diagnosis of bronchoglandular perforations ROZHL. TUBERK. 1956, 16/6 (289-292) Illus. 6
The bronchial tree was investigated in 400 cadavers of patients in whom bronchoscopy had revealed slight enlargement of the bronchi and spots which had been considered suspect of perforation. The latter were excised and investigated microscopically. It was found that these spots or depressions in the mucosa were probably the sequelae of bronchoglandular perforation covered by mucosal scarring which contained anthracotic pigment and showed fine plication extending into the centre of the lesion. Newly formed dilated capillaries were observed running into these depressions. These pictures must be clearly differentiated from the sharply bordered orifices which have nothing in common with perforations or lymph nodes. Intermediary stages often make an accurate diagnosis difficult. In such cases narrow-layer tomographs with bronchographs using thinly applied contrast medium, may be of diagnostic value. (XV, 11)

SNAJDR, V.; KRAKORA, P.; TOMANEK, A.; FOJTIK, F.

Fate of foreign bodies in the bronchial tree. Rozhl. chir. 44
no.10:687-694 0 '65.

1. Chirurgické oddelení (vedoucí MUDr. V. Snajdr, CSc.), broncho-
logické oddelení (vedoucí MUDr. A. Tomanek, CSc.) Vyzkumného
ústavu tuberkulózy v Praze 8 (ředitel doc. dr. R. Krivinka) a
Oddelení dětské chirurgie (vedoucí MUDr. F. Fojtik) státní oblastní
nemocnice v Praze 8 (ředitel MUDr. V. Panek).

TOMANEK, A.

5

CZECHOSLOVAKIA

TOMANEK, A; BOLECEK, O., MD; KRUML, J; ROUBKOVA, H;
PREBOROVSKY, P., MD.

1. Research Institute of Tuberculosis (Vyzkumny ustav tuberkulose), Prague; 2. Tuberculosis Ward of the Hospital OUNZ (Tuberkulozni oddeleni nemocnice OUNZ), Liberec (for Bolecek); 3. Pathological-anatomical Ward UDL (Patologicko-anatomicke oddeleni nemocnice), Prague-Bulovec; 4. Pathological-anatomical Ward UDL (Patologicko-anatomicke oddeleni nemocnice), Prague; 5. Tuberculosis Ward UVN (Tuberkulozni oddeleni UVN), Prague (for Preborovsky)

Prague, Rozhledy v Tuberkulose, No 3, 1963, pp 167-172

"Osteochondroplastic Tracheopathy."

1c
CZECHOSLOVAKIA

TOMANEK, A; DRAPELA, J.

Research Institute of Tuberculosis (Vyzkumny ustav tuberkulozy), Prague (for both)

Prague, Rozhledy v tuberkulose, No 8, 1963, pp 553-557

"Comparison of the Effect of Streptomycin-Sulphate and Streptomycin-Panthotenate on the Eight Cranial Nerve."

TOBACCO, And. Dr.

Anesthesia head of Czechoslovak bronchoscope PREM. Cech. stol. n. .41
240-241 Aug 57.

1. Vyskumny ustav tuberkulose, red. doc. Dr H. Krivicka, Praha II-I.
(BRONCHOSCOPY, appar. & instruments
bronchoscope with anesth, head (Cz))

SNAJDR, V. (Praha 8-Bulovka, VUTbc.); TOMANEK, A.; KRUMML, J.; ROUBKOVA, H.;
METYS, R.

On the problem of endobronchial chondrohamartomas. Cas. lek.
Cesk. 105 no.2:42-46 14 Ja '66.

1. Vyzkumny ustav tuberkulozy, Praha (reditel doc. dr. R. Krivinka),
Katedra patologicke anatomie Ustavu pro doskolovani lekaru, Praha
(vedouci doc. dr. J. Viklicky) a Ustav pro choroby obehu krevniho,
Praha (reditel prof. dr. J. Brod, DrSc.). Submitted June 1965.

TOMANEK, B.

Effect of colling on the content of surface alkalies in glass. p. 239.

SKLAR A KERAMIK. (Ministerstvo lehkého průmyslu) Praha, Czechoslovakia,
Vol. 9, no. 8, Aug. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1,
Jan. 1960.

Uncl.

KRISTIAN, P.; KOVÁČ, S.; ANTOS, K.; TOMANEK, B.

Isothiocyanates. Pt.13. Chem zvesti 13 no.2:21-29 '64.

1. Department of Organic Chemistry, Slovak Higher School of Technology, Bratislava.

3/194/62/000/012/020/101
D201/D308

AUTHORS: Hajič, Jan and Tománek, Evžen

TITLE: A contactless servodrive with asynchronous motor

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 12, 1962, 49, abstract 12-2-98 a (Czech. pat.,
cl. 21c, 62/20, no. 95716, Jun. 15, 1960)

TEXT: The patented servomechanism is distinguished by contactless devices used as synchronizing elements and by an asynchronous 3-phase motor used as the power stage. The synchronizing system consists of a tacho-generator, Selsyn transmission, discriminator, and four electronic switches (triggers). The secondary selsyn and the tachogenerator are mechanically coupled to the asynchronous motor. The selsyn bridge circuit becomes unbalanced with the rotation of the rotor of primary selsyn and a signal is applied to the discriminator. The output signals of the latter open three triggers which control the motor supply. Depending on the phase difference, either one or the other group of triggers operates, which results either

Card 1/2

A contactless servodrive ...

S/194/62/000/012/020/101
D201/D308

in a right- or left-hand rotation of the motor. The motor rotates until the selsyns are again in phase. The feedback is applied through the tachogenerator. /- Abstracter's note: Complete translation. /

Card 2/2

1 12256-03

S/271/63/000/004/011/045

AUTHOR: Tomanek, Evzen and Hajic, Jan

TITLE: A bridge circuit for tying in magnetic amplifiers with a reversible AC output

PERIODICAL: Referativnyy zhurnal, Avtomatika, telemekhanika i vychislitel'naya tekhnika, no. 4, 1963, 15, abstract 4A93 (Czechosl. pat., kl. 21a², 18/03, 42r, 4, 21c, 46/02, no. 101938, 15.12.61)

TEXT: The text represents a patent for a bridge circuit based on two magnetic amplifiers; its feature is that the working windings of each amplifier consist of two portions tied into opposite arms of the bridge. To limit compensating currents, ohmic resistances are inserted in series with each portion of the windings. There is one illustration. M. Ts.

[Abstracter's note: Complete translation]

Card 1/1

TOMANEK, Evzen, inz., laureat statni ceny Klementa Gottwalda; LAMAC,
Jiri, inz.

Electronic turbine model. El tech obzor 52 no.11: 579-581 N'63.

TOMANEK, E.

Falsification and false health statistics. Lek. listy, Brno 8 no.20:
480-481 15 Oct 1953. (CJML 25:4)

TRANEK, E.; KRSEK, J.; DUDAS, B.

Design and calculation of transducers. [Supplement] P. T5.
(ELECTROTECHNICA, OBZOR, vol. 44, no. 4, Apr. 1955, Praha)

SO: Monthly List of East European Accessions, (EEAL) LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

TO: ANDK, L., inc.

Calculation automation in analog computers. El tech obzor 53 n. 1.
506-507 8 '64.

TOMANEK, E.

Conditional feedback in regulated circuits. p.164.
(Elektrotechnický Obzor, Vol. 46, No. 3, Mar. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

TOMANIK, L.

Dudas, E.; Krusek, J. Transducer regulator for welding under flux. p.2.
ELEKTROTECHNIK, Prague, Vol. 11, no. 1, Jan. 1956

SO: Monthly List of East European Accessions (EEA.), LC, Vol 5, No. 6 June 1956 Uncl

TOMANEK, E.

Use of magnetic amplifiers in a control system. p. 226
ELEKTROTECHNICKY OZOR. (Ministerstvo strojirenstvi a
Ministerstvo paliv a energetiky) Praha. Vol. 45, no. 5,
May 1956.

SOURCES: EEAL IC Vol. 5, No. 10 Oct. 1956

Tománek E

TOMANEK, E.

The state of health in the region of Morava-Silesia. Lek. listy 5:15-16
1. Aug. 50. p. 485-7

1. Author's address: Brno, Benesova 10.

th.
th.

EXCERPTA MEDICA Sec 15 Vol 9/6 Chest Dis. June 56

1461. TOMÁNEK E. Úst. theorie a org. zdravotnictví Lék. Fak., Brno. *Úmrtnost
tba dýchacího ústrojí v českých zemích v pětiletce 1948-1953. Mortality
of pulmonary (respiratory) tb in the Czech countries du-
ring the five-year plan 1948-1953 ROZHL. TUBERK. 1955, 15,7
(301-303) Graphs 1 Tables 1

The trend of tb mortality during the above period was analysed by age-groups and
sex. The decline in mortality is most marked in women aged 5-14 and 45-54 yr.
Mortality for men declined on an average only 50% of that for women.

Blumberg - Jevicko

TOMANEK, E., prof., MUDr

Public health. Lek. listy, Brno 9 no.18:429 15 Sept 54.
(PUBLIC HEALTH)

TOMANEK, E., prof. MUDr

Certain world health statistics. Lek. listy, Brno 9 no.19:448-
450 1 Oct 54.

(VITAL STATISTICS,
mortal. rate, internat.)

TOMANEK, E., prof. MUDr

Poliomyelitis. Lek. listy, Brno 9 no.17:404-405 1 Sept 54.
(POLIOMYELITIS,)

TOMANEK, Ewald, Prof. MUDr (Brno, tr. Obrancu miru 10)

No translation. Lek listy 9 no.10:325-327 My '54. (REAL 3:8)
(POLIOMYELITIS, statistics.)

*

TOMANEK, Evald, prof. MUDr

Meat and public health. Lek. listy, Brno 9 no.15-16:372-373

1 Aug. 54.

(VITAL STATISTICS,

mortal. rate, relation to meat consumption)

(MEAT,

consumption, relation to mortal. rate)

L 29957-66

ACC NR: AP6006151

(A)

SOURCE CODE: CZ/0078/65/000/010/0010/0011

AUTHOR: Tomanek, Evzen (engineer) (Prague); Ouzky, F. (Uvaly)

50
B

ORG: None

TITLE: (A circuit for regulating controlled silicon rectifiers)
CZ Pat. No. PV 1408-65

SOURCE: Vynalezky, no. 10, 1965, 10-11

TOPIC TAGS: silicon diode, semiconductor device, transistor, rectification

ABSTRACT: A circuit for regulating controlled silicon rectifiers in full-wave circuits is described which is distinguished by the feature that to the full-wave secondary coil of the power transformer are connected high voltage rectifier tubes which are connected in parallel through a charging resistor to a discharge diode which in turn is connected to an integrating condenser connected at the other end to the middle of the same coil of the power transformer to which is also connected a self-inductance. The other end of the self-inductance is connected to the mounting of both high voltage rectifier tubes and to the middle of the power transformer mentioned above and through the feedback coil of the blocking transformer is connected the base of a transistor which is likewise connected to a series combination constituted by the source of secondary voltage, the source of regulating voltage and

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L 29957-66

ACC NR: AP6006151

by the charging condenser mentioned. The emitter of the transistor is connected to the one pole of the other secondary voltage source, of which the other pole is connected to the collector of the transistor through the second winding of the blocking transformer. The third winding of the blocking transformer constitutes the modulated pulse output for the controlled diode.

SUB CODE: 09/ SUBM DATE: 02Mar65

Card 2/2 CC

8/271/63/000/002/025/030
A060/A126

AUTHOR: Tománek, Evžen

TITLE: Analog to digital (pulse) converter

PERIODICAL: Referativnyy zhurnal, Avtomatika, Telemekhanika i Vychislitel'naya Tekhnika, no. 2, 1963, 62, abstract 2B324 P (Czech. pat. class 42 m, 14, no. 101206, October 15, 1961)

TEXT: Patented is a converter of analog quantities into digital (pulse) ones made on the basis of an ordinary pointer-type AC instrument, for example of the the electrodynamic type, and distinguished by simplicity of design and high sensitivity caused by the low inertia of the moving parts. The gist of the invention consists in that around the scale one disposes several digit discs with rectangular cutouts used for coding (the number of discs is determined by the number of code digits in the binary system). These discs are fed through the primary windings of individual code transformers a high AC voltage (about 2 kv), one of the poles of whose supply is grounded. The secondary windings of the code transformers are connected to sensitive AC relays controlling pulse counters or

Card 1/2